

Tanvir Islam

Full Stack Developer

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[LinkedIn](#) [GitHub](#)

Melbourne, Australia (Willing to relocate)

Results-driven software engineer with extensive experience in developing scalable web applications and APIs. Demonstrated success in delivering high-impact projects. Great problem-solving skills, with a passion for leveraging adaptability. Driven to advance innovation and development in a techforward, collaborative environment.

WORK EXPERIENCE

Assistant Programmer

Melbourne Institute of Technology Melbourne, VIC

July 2023 - Oct 2024 (Onsite)

Achievements/Tasks

- **Key contributor** to upgrading the Academic Management System (AMS) and Admissions App, enhancing system stability and performance, resulting in a 30% increase in user satisfaction.
- **Conducted system analysis**, identified bottlenecks, and proposed solutions, optimising database access and boosting performance.
- **Participated in cross-functional teams** to ensure AMS upgrades met requirements and used SOLID principles to integrate features, enhancing project alignment using Agile Methodologies.
- **Revamped interfaces** and developed new features, enhancing AMS efficiency and capabilities.

Tools/Technologies: C#, ASP.NET, WebAPI, Microservices, Fluent Nhibernate, Entity Framework Core, Bootstrap, Blazor, Razor, CSS, Azure, Azure Devops, MSSQL, Stored Procedure, Git, HTML, JQuery

Software Engineer

AlgoSolver LLC

Long Island City, NY

July 2021 - June 2023 (Remote)

Achievements/Tasks

- **Spearheaded Woofmeets, a pet care platform** connecting thousands of pet owners and caregivers, boosting company revenue.
- **Pioneered cross-platform mobile app development** to enhance data synchronisation and user authentication processes, increasing user retention by **15%**.
- **Managed mobile project lifecycle** from functional requirements analysis to unit testing, ensuring timely delivery and improving app performance by **30%**.
- **Guided team** in conducting comprehensive unit tests, enhancing software functionality and reliability, resulting in a **40% reduction** in post-release defects.

Tools/Technologies: Javascript, Typescript, ReactJs, React-Native, Redux, Mobx, React-Router, TailwindCSS, AWS, Devops, CI/CD pipelines, Jira, Jest, Git, HTML

Junior Software Engineer

MzTech Corp.

Harrison St. New York

January 2021 - June 2021 (Remote)

Achievements/Tasks

- Developed and launched a mobile app for instructors to upload courses and users to purchase, access, and communicate with instructors via in-app chat.

EDUCATION

Master of Data Analytics (Major in Software Engineering)

Melbourne Institute of Technology

Melbourne, Australia

2022 - 2024

Bachelor of Science in Computer Science & Engineering(CSE)

Ahsanullah University of Science & Technology

Dhaka, Bangladesh

2016-2021

SKILLS

Programming Languages: C#, Javascript, TypeScript, Python, HTML, JQuery

Full Stack Development: ASP.NET MVC, ASP.NET Core, Web API, Angular, \ReactJS **Design & Styling:** CSS, Bootstrap, SaaS

Testing Frameworks: xUnit, nUnit, Jest

Cloud Platform: AWS, Azure, Azure Devops, CI/CD pipelines

Other Skills: Confluence, Jira, Git Version Control, Docker, GitHub Actions, Agile Project Delivery

PROJECTS

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- **Developed a robust survey platform** with roles for general users and administrators, enabling efficient survey creation, management, and analysis.
- **Technologies:** ASP.NET Core, Entity Framework Core, Identity, Microsoft.ML, Microsoft.Data.Analysis, XPlot.

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- **Technologies:** ASP.NET Core, Entity Framework Core, Identity, Bootstrap

Social Bond [Code](#)

- Developed a social networking application that allows users to manage their profiles, follow other users, create and manage posts, and interact with content through likes and comments, fostering engagement and community interaction.
- **Technologies:** ASP.NET WebAPI, Entity Framework Core, React, React-Router, Mobx, Identity, Bootstrap